TYPE OR PRINT IN BLACK INK (For instructions, see booklet: "How to File an Application to Appropriate Water in California")



## California Environmental Protection Agency

State Water Resources Control Board
Division of Water Rights
P.O. Box 2000, Sacramento, CA 95812-2000
Tel: (916) 341-5300 Fax: (916) 341-5400
www.waterrights.ca.gov

APPLICATION NO. 31724

# APPLICATION TO APPROPRIATE WATER

## SECTION A: NOTICE INFORMATION

1. APPLICANT/AGEN	ı	
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	a.		•	APPLICANT			ASSIGNED AGENT (if any)					
	Name	Α.	Rafanell:	i Winery	& Vineyard	ls Nich	olas F. I	Bonsignore,	P.E.			
			5 West D				r & Bons:	ignore, CCE				
	Mailing Address	1	ldsburg,					rd Street,				
	City, State & Zip		<del>-</del>			Sacra	Sacramento, CA 95811					
	Telephone	_						···				
	Fax	!		<u> </u>								
					<u> </u>							
	E-mail			<u> </u>								
	OWNERSHIP I  Sole Owner  Limited Partne Corporation *Please provide a copy of s Schedule A c PROJECT DE type of construct	ership* your partne of part	†1∏ □ ∏ ership agreement. rtnership PTION (F	Limited Liab Business Tra Joint Ventur Pagreeme Provide a de	oility Company ust e ent is prov tailed descripti	(LLC)  rided as A  lon of your pr	☐ Husbar ☐ Other _ ttachment oject, includ	ling, but not lu				
	Project is	COMP	lete and	no new o	construction	on is requ	ired. Wat	ter is coll	Lected in			
	an existing											
	prepared by											
	and frost p											
	☐ For continuation,	nan Att	achmant No									
					~ . ~	WINITED A NITEN	CE ACON					
4.	PURPOSE OF	USE,	, DIVERS	ION/STO	RAGE AMU	UNI AND	SEASUN					
	a. PURPOSE	-			DIVERSION			STORAGE	COLLECTION			
	a. PURPOSE OF USE (irrigation, domestic,	, etc.)	AMO	UNT	SEASON OF		AMOUNT	STORAGE SEASON OF C	Ending date			
	OF USE	, etc.)	AMO Rate (cfs or gpd)*			DIVERSION Ending date (month & day)	Acre-feet per year	SEASON OF C Beginning date (month & day)	Ending date (month & day)			
	OF USE	, etc.)	Rate	UNT Acre-feet	SEASON OF Beginning date	Ending date	Acre-feet	SEASON OF C	Ending date			
	OF USE		Rate (cfs or gpd)*	UNT Acre-feet	SEASON OF Beginning date	Ending date	Acre-feet per year	SEASON OF C Beginning date (month & day)	Ending date (month & day)			
	OF USE (imigation, domestic,		Rate (cfs or gpd)*	UNT Acre-feet	SEASON OF Beginning date	Ending date	Acre-feet per year	SEASON OF C Beginning date (month & day)	Ending date (month & day)			
	OF USE (imigation, domestic,		Rate (cfs or gpd)*	UNT Acre-feet	SEASON OF Beginning date (month & day)	Ending date (month & day)	Acre-feet per year 30	SEASON OF C Beginning date (month & day) 10/1	Ending date (month & day) 5/31			
	OF USE (imigation, domestic)  Irrigation  Frost Prote	ction	Rate (cfs or gpd)*	UNT Acre-feet per year	SEASON OF Beginning date (month & day)  * If rate is less	Ending date (month & day)	Acre-feet per year 30	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per	Ending date (month & day) 5/31 day (gpd).			
	OF USE (imigation, domestic, Irrigation  Frost Prote	vo	Rate (cfs or gpd)*	UNT Acre-feet per year	SEASON OF Beginning date (month & day)  * If rate is less ersion and stor	Ending date (month & day)  than 0.025 cubic tage during an	Acre-feet per year 30  Seet per second ( y one year v	SEASON OF C Beginning date (month & day) 10/1  ofs), use gallons per will be 30	Ending date (month & day)  5/31  day (gpd)  acre-feet.			
	OF USE (imigation, domestic, Irrigation  Frost Prote	vo	Rate (cfs or gpd)*	UNT Acre-feet per year	SEASON OF Beginning date (month & day)  * If rate is less ersion and stor	Ending date (month & day)  than 0.025 cubic tage during an	Acre-feet per year 30  Seet per second ( y one year v	SEASON OF C Beginning date (month & day) 10/1  ofs), use gallons per will be 30	Ending date (month & day)  5/31  day (gpd)  acre-feet.			
	OF USE (imigation, domestic, Irrigation  Frost Prote	vo	Rate (cfs or gpd)*	UNT Acre-feet per year	SEASON OF Beginning date (month & day)  * If rate is less ersion and stor	Ending date (month & day)  than 0.025 cubic tage during an	Acre-feet per year 30  Seet per second ( y one year v	SEASON OF C Beginning date (month & day) 10/1  ofs), use gallons per will be 30	Ending date (month & day)  5/31  day (gpd)  acre-feet.			
	OF USE (irrigation, domestic)  Irrigation  Frost Prote  Description  See Attachment Marchest County in whee Assessor's Paragraphs (County in Whee Assessor's Paragraphs)	Vo ed amorage is:	Rate (cfs or gpd)*  n  ount taken b  [X] onstreatersion is locumber(s):	Acre-feet per year  y direct dive am  offstr cated: Son 090-120-	* If rate is less ersion and stoream Under	Ending date (month & day)  than 0.025 cubic to age during an ground (If und County in whit 20-038	Acre-feet per year 30  Seet per second ( y one year v	SEASON OF C Beginning date (month & day) 10/1  ofs), use gallons per will be 30	Ending date (month & day)  5/31  day (gpd).  acre-feet.			
5.	OF USE (inigation, domestic, Irrigation  Frost Prote  See Attachment I b. Total combine c. Reservoir stord. County in whee. Assessor's Passources and a Sources and	voed amorage is: ich divarcel No	Rate (cfs or gpd)*  Dunt taken be \( \omega \) onstreate version is locumber(s):  OINTS OF	y direct diverse of the cated:  DIVERSION (POD)/Po	* If rate is less ersion and store am under toma (028, 090-1	than 0.025 cubic tage during an ground (If und 20–038  ERSION rsion (PORD)	Acre-feet per year 30  feet per second ( y one year v derground store ich water wi	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form A ll be used: So	Ending date (month & day)  5/31  day (gpd).  acre-feet.			
	OF USE (inrigation, domestic, inrigation)  Irrigation  Frost Prote  See Attachment Polyment of the County in whee Assessor's Passessor's P	voed amorage is: iich div rcel N  ND PC  Points	Rate (cfs or gpd)*  n  ount taken b  :	y direct diverse of the cated:  DIVERSION (POD)/Po	* If rate is less ersion and stoream Under	than 0.025 cubic tage during an ground (If und 20–038  ERSION rsion (PORD)	Acre-feet per year 30  feet per second ( y one year v derground store ich water wi	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form A ll be used: So	Ending date (month & day)  5/31  day (gpd).  acre-feet.			
	OF USE (irrigation, domestic, Irrigation  Frost Prote  Bee Attachment Management Management Prote County in whee Assessor's Paragement Protect	voed amorage is: iich divarcel No ND PO Points PORI	Rate (cfs or gpd)*  n  ount taken b ( \overline{\text{M}} onstrea version is locumber(s):  OINTS OF of Diversion  # 1: Un River	y direct dividence of the control of	* If rate is less ersion and stoream Under oma 028, 090-1	Ending date (month & day)  than 0.025 cubic tage during an ground (If und County in white 20-038  ERSION rision (PORD tributa	Acre-feet per year 30  Seet per second ( y one year v derground store ich water wi ): ry to	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form A ll be used: So	Ending date (month & day)  5/31  day (gpd)  acre-feet. APP-UGSTOR.) noma			
	OF USE (inigation, domestic)  Irrigation  Frost Prote    See Attachment   Pooling	ed amorage is: iich divarcel No ND PC Points PORI	Rate (cfs or gpd)*  n  ount taken b : X onstrea version is locumber(s):  OINTS OF of Diversion  # 1: Un River  D# ::	y direct dividence of the cated:  DIVERSION (POD)/Ponamed st	* If rate is less ersion and stoream under toma 028, 090-1	ethan 0.025 cubic to age during an ground (If und 20-038  ERSION rsion (PORD tributa tributa	Acre-feet per year 30  feet per second ( y one year v derground store ich water wi ): ry to ry to	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form All be used: So	Ending date (month & day)  5/31  day (gpd). acre-feet. APP-UGSTOR.) noma			
	OF USE (irrigation, domestic, irrigation)  Frost Prote    See Attachment   Post   Post	ection  Vo ed amorage is: ich divurcel No Points PORI ssian PORI	Rate (cfs or gpd)*  Dount taken be \( \times \) Onstread version is locumber(s):  OINTS OF of Diversion \( \text{t} \) 1: Un \( \text{River} \)  O# 1: Un \( \text{River} \)	Acre-feet per year  y direct dive am □ offstr cated: Son 090-120-  DIVERSI on (POD)/Pc named st	* If rate is less ersion and store am under toma (028, 090-1)	Ending date (month & day)  than 0.025 cubic tage during an ground (If und 20–038  ERSION rsion (PORD tributa tributa	Acre-feet per year 30  feet per second ( y one year v derground stora ich water wi ): ry to ry to	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form A ll be used: So	Ending date (month & day)  5/31  day (gpd) acre-feet. APP-UGSTOR.) noma			
	OF USE (irrigation, domestic)  Irrigation  Frost Prote  Description  Frost Prote  B. Total combinetic. Reservoir stord. County in whee. Assessor's Paragraph of the combinetic	voed amorage is: iich divarcel No ND PO Points PORI ssian PORI	Rate (cfs or gpd)*  n  ount taken b : X onstrea version is locumber(s):  OHNTS OF a of Diversion  # 1: Un River  D# _:  D# _:  D# _:	y direct diverse of the control of	* If rate is less ersion and stoream Under oma (028, 090-1)	Ending date (month & day)  than 0.025 cubic to age during an ground (If und 20–038  ERSION rsion (PORD tributa tributa tributa	Acre-feet per year 30  Seet per second ( y one year v derground store ich water wi ): ry to ry to	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form A ll be used: So	Ending date (month & day) 5/31  day (gpd) acre-feet. APP-UGSTOR.) noma			
	OF USE (irrigation, domestic, domest	voed amorage is: iich divurcel No ND PO Points PORI SSIAN PORI	Rate (cfs or gpd)*  Dount taken be \( \times \) Onstread version is locumber(s):  OINTS OF of Diversion (a) # 1: Uning River  O# :	Acre-feet per year  y direct dive am offstr cated: Son 090-120- DIVERSI on (POD)/Pon named st	* If rate is less ersion and store am under to the total under total u	Ending date (month & day)  than 0.025 cubic tage during an ground (If und 20–038  ERSION rsion (PORD) tributa tributa tributa	Acre-feet per year 30  Geet per second ( y one year velerground store ich water with the second of t	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form A ll be used: So	Ending date (month & day) 5/31  day (gpd) acre-feet. APP-UGSTOR.) noma			
	OF USE (irrigation, domestic, domest	voed amorage is: iich divarcel No Points PORI ssian PORI	Rate (cfs or gpd)*  Dount taken be: X onstreatersion is locumber(s):	Acre-feet per year  y direct dive am offstr cated: Son 090-120- DIVERSI on (POD)/Pon named st	* If rate is less ersion and stoream Under oma (028, 090-1)	Ending date (month & day)  than 0.025 cubic tage during an ground (If und 20–038  ERSION rsion (PORD) tributa tributa tributa	Acre-feet per year 30  Geet per second ( y one year velerground store ich water with the second of t	SEASON OF C Beginning date (month & day)  10/1  cfs), use gallons per will be 30 age, attach Form A ll be used: So	Ending date (month & day) 5/31  day (gpd) acre-feet. APP-UGSTOR.) noma			

b. State Planar and Public Land Survey Coordinate Description: POD/ CALIFORNIA ZONE POINT IS WITHIN SECTION TOWN RANGE BASE AND PORD COORDINATES (40-acre subdivision) -SHIP MERIDIAN (NAD 27) N. 1,733,047 2 14 of SE 1/4 9 N IOW E. 360,276 MD NAD 83 N: 2,000,681 DT 1/4 of 1/4 9-18-08 6,294,425  $\frac{1}{4}$  of 1/4  $\frac{1}{4}$  of 1/4 ☐ See Attachment No. Name of the post office most often used by those living near the proposed point(s) of diversion: Healdsburg, CA 6. WATER AVAILABILITY a. Have you attached a water availability analysis for this project? 🖾 YES 🗀 NO If NO, provide sufficient information to demonstrate that there is reasonable likelihood that unappropriated water is available for the proposed appropriation: X See Attachment No. 2 b. Is your project located on a stream system declared to be fully appropriated by the State Water Resources Control Board during your proposed season of diversion? ☐ YES 🖾 NO In an average year, does the stream dry up at any point downstream of your project? X YES INO If YES, during which months? ☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☑ Jun ☑ Jul ☑ Aug ☑ Sep ☐ Oct ☐ Nov ☐ Dec d. What alternate sources of water are available if a portion of your requested diversion season must be excluded because water is not available for appropriation? (e.g., percolating groundwater, purchased water, etc.) groundwater ☐ See Attachment No. 7. PLACE OF USE USE IS WITHIN SECTION\* TOWNSHIP RANGE BASE & IF IRRIGATED (40-acre subdivision) MERIDIAN Presently cultivated? Acres NW 1/4 of SE 2 (P) 9N10W X YES □ NO MD14.6 NE ¼ of SE1/4 2 (P) 9N10W ☑ YES ☐ NO MD 3.4 SW 1/4 of SE1/4 2 (P) ☑ YES ☐ NO 9N10W MD 15.8 SE ¼ of SE 2 (P) 9N ☑ YES ☐ NO 1/4 10W MD 0.5 SE ¼ of SW 2 (P) 1/4 9N10W ☑ YES ☐ NO MD 0.3 1/4 1/4 of ☐ YES ☐ NO 1/4 of ☐ YES ☐ NO 1/4 ½ of 1/4 ☐ YES ☐ NO Total: 34.6 \*Please indicate if section is projected with a "(P)" following the section number. ☐ See Attachment No. 8. PROJECT SCHEDULE a. Project is: ☐ proposed. Year construction will begin: ☐ partially complete. Extent of completion:

Year water will be used to the full extent intended: \_\_\_

☑ complete. Year completed:

1964

b. Year of first use:

## SECTION B: MISCELLANEOUS DIVERSION INFORMATION

## 1. JUSTIFICATION OF AMOUNTS REQUESTED

	CROP	ACRES		IRRIGATION:	WATER USE	SEASON OF	WATER USE
_		·.	(sprinklers,	flooding, etc.)	(Acre-feet/Yr.)	Beginning date (month & day)	
L	Vineyard	33.6	Drip		0.6	June 1	Oct. 31
_	Olives	1	Drip		1.1	June 1	Oct. 31
_							
-							
1	See Attachment No						
Ь.	DOMESTIC: Num Number of people to Area of domestic law Incidental domestic u	be served: /ns and gard	Estir	nated daily use	per person is:	gal.	lons per day
	□ STOCKWATERI	NG: Kind a	dust control a	irea, number and kind	of domestic animals,	etc.)	
	Describe type of open	ration:	51 Stock.			number:	
				(feedlot,	dairy, range, etc.)		
1.	☐ RECREATIONAL	L: Type of	recreation: ☐ Fi	ishing ∐ Swim	nming 🏻 Boatin	ig □ Other	
<u>).</u>	☐ MUNICIPAL:	· · · · · · · · · · · · · · · · · · ·					
Ι	POPULATION list for 5-year periods until use	is completed	<u> </u>	1 MONTH		ANNUAL USE	
	Period Pop	ulation	Average daily use (gallons per capita)	Rate of diversion (cfs)	Average daily use (gallons per capita)		Total (acre-feet)
	Present				(3	(50. 045.14)	(doro reor)
							<u> </u>
_							
							<u></u> _
S	ee Attachment No			I			
	Month of maximum u	ise during y	ear:	Month of	minimum use du	ring year:	
	☐ HEAT CONTROL	: Area to b	e heat controlled:		net acres		
	Type of crops protecte	ed:					
	Rate at which water is	applied to	use:	gpm per acr	e		
	Heat protection season	u win begin	(month & day)	and end	(month & day)		
	Type of arong protects	ΓΙΟΝ: Area	to be frost prote	cted: <u>21</u>	net acres		
	■ FROST PROTECT Type of crops protecte Rate at which water is The frost protection se  INDUSTRIAL: To	applied to	use: 55	gpm per ac	ere		
	The frost protection se	eason will b	egin 3/15	and end	5/15	·	
	☐ INDUSTRIAL: Ty	ype of indus	(month & d stry:	ay)	(month & day)		
	Basis for determination	n of amoun	t of water needed	!:			
	☐ MINING: Name o	f the claim:				☐ Patented ☐	l Unnatented
	☐ MINING: Name on Nature of the mine:			Minera	l(s) to be mined:		
	Type of milling or pro	cessing:					
	After use, the water win ¼ of	™ oc discha ¼ of Se	ection .	T . R		B. & M.	(watercourse)
:	☐ POWER: Total hea						
	- I O W Dr. I Clair II C	th the penst	ock: c	cfs			
]	Maximum flow throug			renerated by fl	he works (cfs x fail	÷ 8.8):	
]	Maximum flow throug Maximum theoretical l	horsepower	capable of being	generated by in	`		
]	Maximum flow throug Maximum theoretical l Electrical capacity (hp >	horsepower c 0.746 x efficie	ncy):	kilowatts at:	% efficience	cv	
]	Maximum flow throug Maximum theoretical l Electrical capacity (hp >	horsepower c 0.746 x efficie	ncy):	kilowatts at:	% efficience	cv	
] ] <i>i</i>	Maximum flow throug Maximum theoretical l Electrical capacity (hp) After use, the water win 1/4 of	horsepower c 0.746 x efficie ill be discha <sup>1</sup> ⁄ <sub>4</sub> of Sectio	ncy): arged into, T	_ kilowatts at: _ , R	% efficiend	M. FERC No.	_ (watercourse)
] ] ; i	Maximum flow throug Maximum theoretical l Electrical capacity (hp) After use, the water wi n ¼ of  I FISH AND WILDI	horsepower 0.746 x efficie ill be discha <sup>1</sup> / <sub>4</sub> of Sectio LIFE PRESI	ncy): rged into, T ERVATION AN	_ kilowatts at:, R	% efficiend	M. FERC No.	_ (watercourse)
] ] ii	Maximum flow throug Maximum theoretical l Electrical capacity (hp) After use, the water win 1/4 of	horsepower co.746 x efficie ill be discha '4 of Sectio LIFE PRESI erved or enh	ncy): rged into, T ERVATION AN	_ kilowatts at:, R	% efficiend	M. FERC No.	_ (watercourse)

o. Diversion	on will be by on will be by	pumping	from:	(uani, pi	pe ni unobsti	racied cusm	ıcı, pipe th	rough dan	n, sipnon, weir,	gate, etc.)	
Pump d	ischarge rate:		□ cfs o	or 🛘 gnd	(sump.	, offset well, wer	channel, r	eservoir, e	etc) NEfficiency	r•	
								ւաուբ	Efficiency	·	
CONDUIT	from diversio	TERIAL		CROSS-SE	CTION	LEN	rvoir: GTH	TO	TAL	CAPACIT	
(pipe or channel)	(type of pipe indicate if pip		lining; (pi	pe diameter, on the diameter, or diameter, o	or ditch dep	th (fe	et)		R FALL	(cfs, gpd o	
			or not)	(inches o		<u> </u>		feet	+ or -	gpm)	
								:			
☐ See Attachi	nent No										
d. Storage 1	reservoirs: (F	or under	ground store	ige, comple	ete and at	tach form	ı APP-U	JGSTC	R)		
RESERVOIR			DAM		-				RESERVOIR		
NAME OR	Vertical he from downs		Construction	Length		ooard:	Surface		Capacity	Maximu	
NUMBER	toe of slop	e to	material	(feet)		ght above ay crest	when (acre		(acre-feet)	water dep	
1	spillway leve	el (feet	- · · ·	200	·	et)	1.		20		
т	21		earth	200	3		1.	-/-	30	24	
□ See Attachn	ient No							<del>-1</del>			
. Outlet pi	oe: Complete	for stora	ge reservoi	s having a	capacity	of 10 acr	e-feet o	r more.			
RESERVOIR	OUTLET PIPE										
NAME OR	Diameter	Length		Fall:	-		Head:			d Storage:	
NUMBER	(inches)	(feet)						om spill- utlet pip		age below entrand of outlet pipe	
·				(feet)			(feet)		3	cre-feet)	
		1 1 6 1 1	1 2222 222								
1	6	140	unkno	own		1	9	<del>.</del>	1	(est.)	
11	0	140	dirin	own		1	9	<u>.</u>	1	(est.)	
□ See Attachm	ent No	and the r	eservoir is r	ot at the po	oint of div	version, t	he maxi	mun r	ate of diver	rsion to of	
See Attachm  If water verteem stream stream	ent No	and the r	eservoir is r _cfs. Dive	not at the porsion to off	stream sto	version, t orage wil .p syst	he maxi I be ma em for	de by:	ate of diver □ Pumpin	rsion to of ng 🏻 Gra	
See Attachm  If water verteem stream stream	ent No will be stored orage will be	and the r	eservoir is r _cfs. Dive	not at the porsion to off	stream sto	version, t orage wil .p syst	he maxi I be ma em for	de by:	ate of diver □ Pumpin	rsion to of	
If water vestream stream stream stream what meth	ent No  will be stored orage will be ATION AN nods will you	and the r  D MON  use to co	eservoir is r _cfs. Diver ITORING nserve water	not at the porsion to off	stream sto	version, t orage wil p syst	he maxi I be ma em for	de by:	ate of diver □ Pumpin	rsion to of ng □ Gra	
If water vestream steed Sconserves. What mether the will yearsting wasting was	ent No will be stored orage will be ATION AN nods will you you monitor yater?   Wein	and the r  D MON use to co	eservoir is r_cfs. Diversion to be ser Perio	not at the porsion to off  Fraction of the control	stream sto	version, torage will properly syst	he maxi I be ma em for of your	de by: r irr: water:	ate of diver  Pumpin  igation.	rsion to of g Gra	
If water vestream stream stream stream.  CONSERV. What mether the stream wasting wasti	ent No  will be stored orage will be ATION AN nods will you wou monitor yeater?   erved person	and the r  D MON use to co	eservoir is r_cfs. Diversion to be ser Perio	not at the porsion to off  Fraction of the control	stream sto	version, torage will properly syst	he maxi I be ma em for of your	de by: r irr: water:	ate of diver  Pumpin  igation.	rsion to of g Gra	
If water vestream stream stream stream.  CONSERV. What mether the stream wasting wasti	ent No will be stored orage will be ATION AN nods will you you monitor yater?   Wein	and the r  D MON use to co	eservoir is r_cfs. Diversion to be ser Perio	not at the porsion to off  Fraction Transfer Explain  The graph of the poor are graph of	stream stone of the state of th	version, torage will person systems in the limits her (description).	he maxi I be ma em for of your ribe) _F	de by: r irr: water: Reservation	ate of diver  Pumpin  igation.	rsion to of ng   Gra ou are not el will es prec	
If water vestream stream stream stream stream stream. What meth	ent No  will be stored orage will be ATION AN nods will you wou monitor yeater?   erved person	and the r  D MON use to co	eservoir is r_cfs. Diversion to be ser Perio	not at the porsion to off  Fraction Transfer Explain  The graph of the poor are graph of	stream stone of the state of th	version, torage will person systems in the limits her (description).	he maxi I be ma em for of your ribe) _F	de by: r irr: water: Reservation	ate of diver  Pumpin  igation.  ight and your level practice	rsion to of ng  Gra  ou are not el will es prec	
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3.

4.

5.

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		water diversion and	d use, if applicable	e		
	c.	List any related apputilize the same po	plications, registra int(s) of diversion	utions, permits, or licenses l ?	ocated in the propo	sed place of use or that
		☐ See Attachment No.				
	À		ng, or do you inter	nd to use, purchased water of es, please explain:		
	The lorar of go (1 jun (4 m)	cation of water use.  Inge, section and qua  La U.S.G.S. quadran  Loods stores or throug  appropriating more  risdiction of the Div	rocess your application You must include a carefularter section gle/topographic must be than three cfs by ision of Safety of a than 1000 acre-f	nap of your project area is p http://topomaps.usgs.gov. A direct diversion, (2) constr	n form that clearly sof diversion and ( referred, and can b certified engineer; ucting a dam whicl oir with a surface a	indicates the township, (2) the place of use. A copy e obtained from sporting ing map is required when it will be under the area in excess of ten acres of
		SEC	rion c: en	<u>NVIRONMENTAI</u>	<u>INFORMA</u>	TION
Env prep dete asso ques	ir c ir c oar erm oci	consider the informationmental Quality Acted for your project, nined to be responsible to with the environations.	tion contained in a et (CEQA). This f a determination made for preparing to numental evaluation or ability and sub-	an environmental document form is not a CEQA document a count of the made of who is responded the count of the requirement, the application of the requirement with this application and preparation of the requirement.	prepared in complent. If a CEQA doo onsible for its prep- plicant will be required documents.	cument has not yet been aration. <u>If the SWRCB is</u> <u>nired to pay all costs</u> Please answer the following
1.		COUNTY PERMI  Contact your coun		blic works department and p	provide the following	ng information:
		Department: Secounty Zoning De Are any county pe	e Attachment esignation: La emits required for LUse permit	und Intensive Agricu your project? 口 YES 図 口 Watercourse □ Obstru	lture (LIA) NO If YES, checl	707 ) 565–1900 k appropriate box below: Change of zoning
	b	. Have you obtained If YES, provide a See Attachment No.	complete copy of	ed permits described above each permit obtained.	? □ YES □ NO	
2.	Sa	. Check any addition ☐ Federal Energy ☐ U.S. Corps on ☐ State Lands O	onal state or feders  y Regulatory Con  f Engineers   commission   Ca	ND REQUIREMENTS al permits required for your nmission □ U.S. Forest Se U.S. Natural Res. Conserva alif. Dept. of Water Resourc State Reclamation Board	ervice 🗆 U.S. Bure tion Service 🗀 Ca ces (Div. of Safety	lif. Dept. of Fish and Game of Dams)
	b	. For each agency	from which a pern	nit is required, provide the t	following informati	ion:
		AGENCY	PERMIT TYPE	PERSON(S) CONTACTED	CONTACT DATE	TELEPHONE NO.
	-					
	L	🕅 See Attachment No	<u> </u>			
		☑ See Attachment No	D. <u>5</u>			

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C	or would significantly alter the bed. bank, or riparian habitat of any stream or lake? \( \text{X} \) YES \( \subseteq \text{NO} \)  If YES, explain: The existing dam and reservoir was designed by the U.S. Departme
	of Agriculture, and its construction in 1963 likely altered the bed and bank of the subject stream.
	·
d	☐ See Attachment No  Have you contacted the California Department of Fish and Game concerning your project? ☐ YES ☑ NO If YES, name and telephone number of contact:
I	INVIRONMENTAL DOCUMENTS
a. c.	Has any California public agency prepared an environmental document for your project?   YES  NO  If YES, submit a copy of the latest environmental document(s) prepared, including a copy of the notice of determination adopted by the California public agency.  Public agency:
d	<ul> <li>If NO, check the appropriate box and explain below, if necessary:</li> <li>☐ The applicant is a California public agency and will be preparing the environmental document.*</li> <li>☐ I expect that the SWRCB will be preparing the environmental document.**</li> </ul>
	☐ I expect that a California public agency other than the State Water Resources Control Board will be preparing the environmental document.* Public agency:  ☐ See Attachment No
	* Note: When completed, submit a copy of the <u>final</u> environmental document (including notice of determination) or notice of exemption to the SWRCB, Division of Water Rights. Processing of your application cannot proceed until these documents are submitted.
	** Note: CEQA requires that the SWRCB, as Lead Agency, prepare the environmental document. The information contained in the environmental document must be developed by the applicant and at the applicant's expense under the direction of the SWRCB, Division of Water Rights.
	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimentation?   YES NO  If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Control Board for the following information (See instruction booklet for address and telephone no.):
	□ See Attachment No
b.	Will a waste discharge permit be required for your project? ☐ YES ☒ NO
c.	Person contacted: Date of contact: What method of treatment and disposal will be used?
	☐ See Attachment No
A	RCHEOLOGY
a.	Have any archeological reports been prepared on this project?   YES NO
b. с.	Will you be preparing an archeological report to satisfy another public agency? ☐ YES ☒ NO  Do you know of any archeological or historic sites located within the general project area? ☐ YES ☒ NO  If YES, explain:
	□ See Attachment No
Tr'	NVIRONMENTAL SETTING
	tach three complete sets of color photographs, clearly dated and labeled, showing the vegetation that exists
	the following three locations:
	Along the stream channel immediately downstream from the proposed point(s) of diversion.
	Along the stream channel immediately upstream from the proposed point(s) of diversion.  X At the place(s) where the water is to be used.
	See Attachment No. 6

#### **SECTION D: SUBMITTAL FEES**

Calculate your application filing fee using the "Water Right Fee Schedule Summary" that was enclosed in the application packet. The "Water Right Fee Schedule Summary" can also be viewed at the Division of Water Rights' website (www.waterrights.ca.gov).

A check for the application filing fee, payable to the "Division of Water Rights" and an \$850 check for the environmental review fee, payable to the "California Department of Fish and Game," must accompany this application. All applicable fees are required at the time of filing. Your application will be returned to you if it is not accompanied by all required fees.

## SECTION E: DECLARATION AND SIGNATURE

I declare under penalty of perjury that all information provided is true and correct to the best of my knowledge and belief. I authorize my agent, if I have designated one above, to act on my behalf regarding this water right application.

Signature of Co-Applicant (if any)

Title or Relationship

Date

Date



## "APPLICATION TO APPROPRIATE WATER" CHECKLIST

Before you submit your application, be sure to:

- Answer each question completely in Sections A, B, and C.
- Number and include all necessary attachments.
- Include a legible map that meets the requirements discussed in the instruction booklet (Item B6).
- Include the Water Availability Analysis or sufficient information to demonstrate that there is reasonable likelihood that unappropriated water is available for the proposed appropriation (Item A6).
- Include three complete sets of color photographs of the project site (Item C6).
- Enclose a check for the required fee, payable to the Division of Water Rights, as specified in Section D.
- Enclose a \$850 check for the environmental review fee, payable to the Department of Fish and Game, as specified in Section D.
- Sign and date the application in Section E.

Send the original and one copy of the entire application to:

State Water Resources Control Board Division of Water Rights P.O. Box 2000 Sacramento, CA 95812-2000

# Schedule A Schedule of Partners A. RAFANELLI WINERY AND VINEYARDS LP

Partner	Classification	<u>Units</u>	% of Ownership
RAFANELLI MANAGEMENT, LLC	General	200 units	2%
RLF MANAGEMENT, LLC	General	50 units	0.5%
DAVID RAFANELLI	Limited	4825 units	48.25%
PATRICIA RAFANELLI	Limited	4825 units	48.25%
RASHELL L. RAFANELLI	Limited	100 units	1%

Note: The initial capital contribution of each partner shall be his, her or its proportional interest in vineyards, winery equipment and cash. All such contributions shall be proportional to the interests set forth above. In the event there is any deviation from such proportionality, the subscribed units, shares, or percentages of partnership indicated by this schedule may be adjusted, upon the conclusion of funding by original capital contributions, according to the fair market value of each partner's capital contribution credited to his, her, or its capital account divided by the fair market value of all property contributed by original contribution to the Partnership.

#### ATTACHMENT 1 to Water Right Application by A. Rafanelli Winery & Vineyards

## Re: Section A , Item 5a. SOURCES AND POINTS OF DIVERSION/REDIVERSION

The sequence of tributary streams downstream of the POD is provided for location information only. Prior to project development, flow in the subject stream historically dissipated into the ground across West Dry Creek Road, and did not accrue to Dry Creek as channelized flow. Based on the USGS 7.5-minute quad map and pre-project aerial photos there is no obvious indication that the subject stream continued beyond West Dry Creek Road historically. Improvements to downstream drainage in the mid to late 20<sup>th</sup> century, specifically construction of a buried pipeline at the base of the reservoir spillway, a ditch along West Dry Creek Road, and a buried pipeline along Lambert Bridge Road, now facilitate the conveyance of excess streamflows (reservoir spills) to Dry Creek.

#### ATTACHMENT 4 to Water Right Application by A. Rafanelli Winery & Vineyards

#### Re: Section C, Item 1. COUNTY PERMITS

a. Persons contacted in Sonoma County Permit and Resource Management Department:
 Dave Schiltgen, Planning Division
 John Rainwater, Engineering Division

Construction of dam and reservoir predates enactment of County permitting requirements.

## ATTACHMENT 5 to Water Right Application by A. Rafanelli Winery & Vineyards

# Re: Section C, Item 2.a. STATE/FEDERAL PERMITS AND REQUIREMENTS

The project has existed for decades, and no new construction is required or planned. The Applicant is not aware of any other required State or federal permits and approvals.

RAFAB002.doc

#### ATTACHMENT 2 to Water Right Application by A. Rafanelli Winery & Vineyards

#### Re: Section A, Item 6. WATER AVAILABILITY

California Water Code Section 1260(k) requires that every application for a permit to appropriate water shall include "sufficient information to demonstrate a reasonable likelihood that unappropriated water is available for the proposed appropriation." This narrative and accompanying calculations provide the required information.

The subject Application is within the watershed of an unnamed stream tributary to Dry Creek thence the Russian River in Sonoma County (see attached map). The Application proposes a diversion season of October 1 to May 31. The following describes the methodology used to demonstrate a *reasonable* likelihood that water is physically available for the proposed appropriation.

The attached map shows the location and tributary watershed of the point of diversion. POD 1 is an existing onstream reservoir with an estimated capacity of 30 acre-feet. Water collected in the POD 1 reservoir will be used for irrigation and frost protection. The map also shows lines of equal mean annual runoff based on the map included with the document entitled *Mean Annual Runoff in the San Francisco Bay Region, California, 1931-70 by S.E. Rantz, 1974.* An excerpt of this map is attached (Rantz map).

The weighted mean annual runoff for the subject watershed was computed based on the Rantz map. Mean *seasonal* runoff for the subject watershed was estimated by adjusting the mean *annual* runoff assuming that the ratio of seasonal-to-annual runoff is identical to the ratio of seasonal-to-annual mean precipitation. The pattern of precipitation was based on the long-term record for the Healdsburg precipitation station (record attached).

Calculations for the foregoing methodology are attached. Two other water rights of record within the watershed of the subject reservoir were considered in the analysis. The calculations show that in a normal year the estimated seasonal runoff at POD 1, after accounting for upstream rights, is about 96 acre-feet, which is over 3 times the amount requested by the Application.

Based on the foregoing it is reasonable to conclude that water is available for the subject Application.

<sup>&</sup>lt;sup>1</sup> USGS Miscellaneous Field Studies Map MF-613, prepared in cooperation with the California Department of Water Resources.

#### Water Right Application by David Rafanelli Estimate of Water Availability

#### Point of Diversion #1

## Monthly Precipitation(1)

#### HEALDSBURG, CALIFORNIA

<b>Month</b>	Mean Precipitation (in)	
October	2.25	
November	5.24	
December	8.21	
January	8.92	
February	7.42	
March	5.42	
April	2.66	•
May	1.08	
June	0.30	
July	0.04	
August	0.13	
September	<u>0.37</u>	
Annual	42.03	

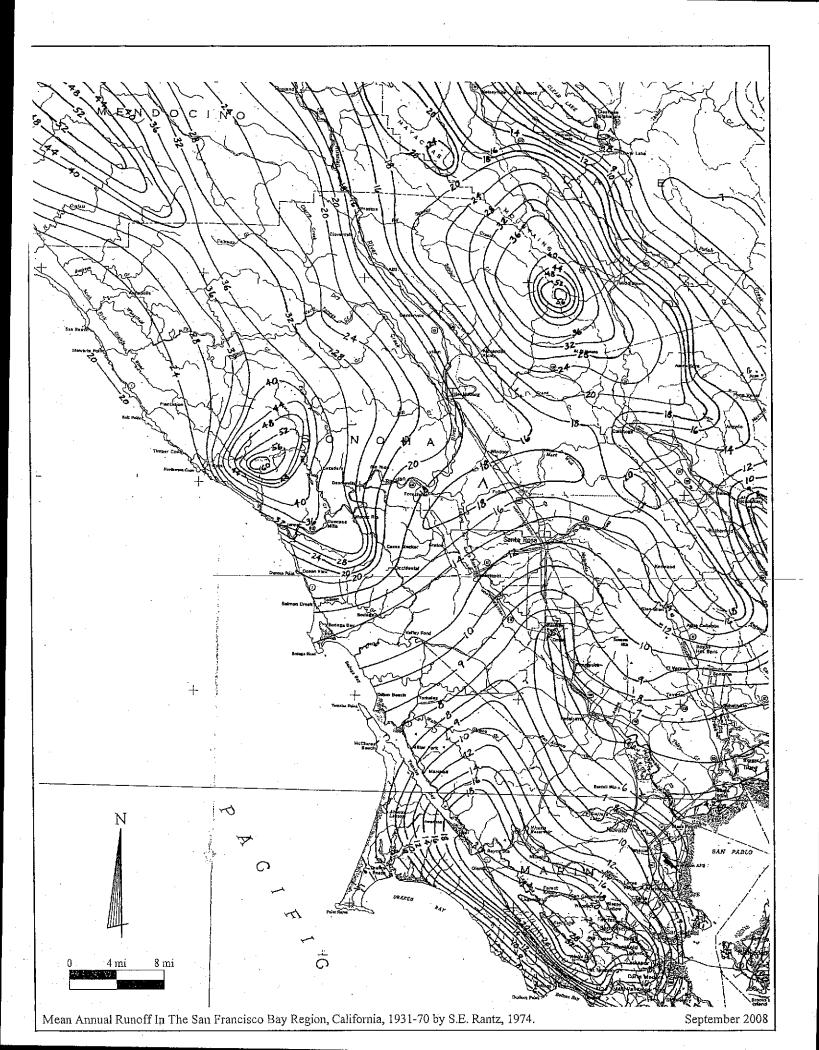
Mean Precipitation for requested diversion season (10/1 - 5/31):	41.19 in
Precipitation during requested diversion season as a percentage of total precipitation:	98.00%
Mean Annual Runoff: (2)	20.0 in
Estimated Mean Seasonal Runoff;(3)	19.6 in
Watershed Area for Point of Diversion #1:	60.5 ac
Total Estimated Mean Seasonal Runoff at Point of Diversion #1:	98.8 ac-ft
Senior Diverters of Record within subject watershed (face value):	
License 9507 (Appl. 22090) - Douglas A. Rafanelli (10/31 - 5/1):	3.0 ac-ft
License 9508 (Appl. 22141) - Douglas A. Rafanelli (10/31 - 5/1):	0.2 ac-ft
Subtotal water available:	95.6 ac-ft
Requested diversion amount:	30.0 ac-ft
Total seasonal amount remaining in stream after diversion:	65.6 ac-ft

#### Notes:

<sup>(1)</sup> Source: California Climate Data Archive website (http://www.calclim.dri.edu/ccda/data.html) accessed September 3, 2008.

<sup>(2)</sup> Mean Annual Runoff in the San Francisco Bay Region, California, 1931-70 (Miscellaneous Field Studies Map MF-613), by S.E. Rantz, 1974.

<sup>(1)</sup> Estimated mean seasonal runoff is computed by multiplying mean annual runoff by percent seasonal precipitation.



#### HEALDSBURG, CALIFORNIA

Monthly Total Precipitation (inches) -43875

File last updated on Aug 20, 2008

\*\*\* Note \*\*\* Provisional Data \*\*\* After Year/Month 200804

a = 1 day missing, b = 2 days missing, c = 3 days, ..etc..,

z = 26 or more days missing, A = Accumulations present

Long-term means based on columns; thus, the monthly row may not sum (or average) to the long-term annual value.

#### MAXIMUM ALLOWABLE NUMBER OF MISSING DAYS: 5

Individual Months not used for annual or monthly statistics if more than 5 days are missing. Individual Years not used for annual statistics if any month in that year has more than 5 days missing.

WY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANN
1931	001	1,0,	220	10.31	1.96	2.92	0.45	1.40	1.76	0.00	0.00	0.00	-
1932	1.89	3.19	15.61	3.07	1.91	1,14	1.71	1.83	0.03	0.00	0.00	0.00	30.38
1933	0.05	2.60	4.81	9.37	1.39	5.65	0.16	2.43	0.00	0.00	0.00	0.21	26.67
1934	2.07	0.00	14.67	1.42	8.14	1.20	0.92	1.57	1.12	0.00	0.00	0.08	31.19
1935	4.07	7.17	3.71	12.07	4.80	8.23	5.28	0.03	0.00	0.00	0.03	0.17	45.56
1936	1.44	1.83	5.19	8.59	13.54	1.76	2.58	1.05	1.34	0.12	0.00	0.00	37.44
1937	0.27	0.03	4.48	5.19	11.86	8.45	1.73	0.15	1.77	0.00	0.00	0.00	33.93
1938	1.34	9.74	9.49	8.14	13.47	10.67	2.79	0.03	0.00	0.01	0.00	0.41	56.09
1939	2.74	2.55	1.85	5.20	1.87	3.00	0.22	1.79	0.00	0.00	0.00	0.05	19.27
1940	0.23	0.72	7.07	17.12	20.68	7.07	1.88	1.84	0.00	0.02	0.00	0.42	57:05
1941	2.85	3.15	21.35	15.15	12.70	6.89	7.60	1.82	0.60	0.00	0.04	0.04	72.19
1942	2.54	5.14	12.38	10.42	10.11	4.01	7.05	3.12	0.00	0.00	0.00	0.10	54.87
1943	1.20	5.49	7.52	13.29	3.54	3.75	3.67	0.00	0.01	0.00	0.00	0.00	38.47
1944	1.43	1.68	3.43	7.56	8.90	2.87	2.90	2.83	0.21	0.00	0.00	0.02	31.83
1945	3.19	7.48	4.97	3.82	6.05	7.02	0.53	1.53	0.00	0.00	0.00	0.00 a	34.59
1946	6.71	6.70	14.84	2.49	4.06	1.89	0.10 a	0.50	0.00	0.18	0.00	0.07	37.54
1947	0.14	5.23	3.29	0.96	5.54	7.94	0.12	0.68	1.92	0.00	0.00	0.00	25.82
1948	6.54	1.06	2.11	3.75	1.55	6.43	12.93	1.23	0.42	0.00	0.00	0.09	36.11
1949	1.03	1.69	4.93	1.81	4.61	13.38	0.04	0.37	0.00	0.18	0.00	0.00	28.04
1950	0.07	2.48	2.87	10.49	8.49	2.98	1.75	0.69	0.28	0.00	0.00	0.00	30.10
1951	6.04	8.13	10.73	6.20	3.86	1.23	1.33	2.55	0.00	0.00	0.00	0.01	40.08
1952	2.76	8.82	13.69	13.41	3.92	6.17	1.69	0.39	1.97	0.00	0.00	0.00	52.82
1953	0.07	3.70	19.93	10.97	0.10	4.23	4.77	1.25	0.66	0.00	0.45	0.00	46.13
1954	1.54	6.85	1.00	12.28	5.13	6.88	4.61	0.05	0.42	0.07	3.17	0.00	42.00
1955	1.45	8.44	7.61	3.84	1.33	0.62	5.76	0.00	0.01	0.00	0.00	0.33	29.39
1956	0.47	4.58	21.91 e	16.62	9.05	0.31	2.90	0.84	0.05	0.00	0.00	0.12	56.85
1957	2.86	0.31	0.57	6.96	8.55	3.00	3.32	4.36	0.40	0.00	0.00	4.09	34.42
1958	8.77	1.17	5.28	10.04	23.34	9.64	6.50	0.30	0.85	0.09	0.00	0.00	65.98
1959	0.09	0.27	2.12	15.66	9.15	1.44	0.42	0.13	0.00	0.00	0.00	4.52	33.80
1960	0.00	0.00	2.04	9.27	10.45	5.95	1.49	1.12	0.00	0.00	0.00	0.00	30.32
1961	1.21	6.72	7.64	7.64	4.17	5.79	1.64	0.41	0.08	0.00	0.21	0.56	36.07
1962	0.29	6.80	. 3.79	1.88	16.91	7.13	0.40	0.14	0.00	0.00	0.30	0.26	37.90
1963	10.83	2.06	6.40	10.75	3.99	7.74	6.85	1.14	0.00	0.00	0.00	0.01	49.77
1964	3.14	12.09	1.26	5.74	0.22	2.68	0.26	0.62	0.46	0.03	0.00	0.00	26.50
1965	3.50	9.14	15.07	10.46	1.94	1.58	5.75	0.00	0.00	0.04	0.49	0.00	47.97
1966	0.11	12.42	6.61	11.33	6.29	1.34	1.25	0.13	0.05	0.00	0.11	0.11	39.75
1967	0.00	13.20	10.12	16.37	0.41	8.60	6.49	0.17	2.17	0.00	0.00	0.02	57.55
1968	1.14	3.47	5.89	10.96	6.59	4.89	1.44	0.23	0.00	0.00	0.86	0.03	35.50
1969	2.79	4.07	13.47	20.38	15.50	2.02	3.13	0.03	0.00	0.00	0.00	0.01	61.40
1970	2.71	1.56	18.58	25.24	5.20	2.63	0.12	0.02	0.45	0.00	0.00	0.00	56.51
1971	3.08	11.46	12.23	4.95	0.16	6.00	1.68	0.28	0.00	0.00	0.01	0.29	40.14
1972	0.43	3.00	7.77	2.02	2.92	1.23	3.12	0.13	0.06	0.00	0.00	0.67	21.35

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WY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANN
1973	4.17	9.89	5.32	18.39	9.54	3.83	0.15	0.03	0.00	0.00	0.00	0.75	52.07
1974	4.79	21.20	6.65	10.67	5.21	12.17	2.07	0.15	0.00	1.71	0.00	0.00	64.62
1975	1.77	1.96	7.50	2.72	13.86	11.33	1.73	0.00	0.01	0.21	0.04	0.00	41.13
1976	5.62	1.43	1.92	0.41	2.93	1.01	3.24	0.00	0.00	0.03	1.12	0.56	18.27
1977	0.42	2.78	1.17	2.53	2.74	2.38	0.35	1.77	0.00	0.00	0.00	2.78	16.92
1978	1.10	8.48	9.00	19.14	9.79	7.45	4.44	0.15	0.00	0.00	0.00	2.21	61.76
1979	0.00	1.49	0.49	10.99	11.71	3.25	2.39	0.92	0.00	0.00	0.00	0.11	31.35
1980	4.98	7.08	10.75	8.82	14.61	1.79	3.06	0.36	0.27	0.04	0.00	0.00	51.76
1981	0.57	0.62	11.23	10.78	3.92	4.62	0.36	0.62	0.00	0.07	0.00	0.46	33.25
1982	4.66	13.34	13.06	9.03	6.51	9.41	7.20	0.00	0.04	0.00	0.00	0.87	64.12
1983	5.05	9.47	8.58	15.70	14.84	20.34	6.31	0.86	0.00	0.00	1.52	0.59	83.26
1984	1.15	17.57	17.37	0.86	3.07	3.97	1.58	0.20	0.22	0.00	0.20	0.06	46.25
1985	2.37	15.44	2.43	1.35	3.40	7.31	0.28	0.00	0.00	0.05	0.00	1.37	34.00
1986	1.65	4.92	4.98	9.89	21.95	9.24	0.98	0.46	0.00	0.00	0.00	1.95	56.02
1987	0.64	0.15	2.95	6.25	6.47	8.53	0.20	0.10	0.00	0.00	0.00	0.00	25.29
1988	2.65	4.92	11.54	9.16	0.65	0.07	2.58	0.75	.0.25	0.00	0.00	0.00	32.57
1989	0.41	5.92	4.53	1.50	1.21	12.01	1.75	0.19	0.45	0.00	0.00	2.98	30.95
1990	4.47	1.97	0.00	7.08	4.00	1.81	0.21	6.44	0.00	0.00	0.00	0.20	26.18
1991	0.77	0.38	1.33	1.10	5.26	18.35	0.47	0.25	0.63	0.00	0.02	0.00	28.56
1992	0.82	2.03	4.43	2.83	12.86	5.89	1.84	0.00	0.80	0.00	0.00	0.00	31.50
1993	3.64	0.43	12.25	15.23	9.43 a	3.29	2.58	2.31	0.97	0.00	0.00	0.00	50.13
1994	0.97	3.42	6.62	4.39	7.58	0.68	2.43	0.98	0.00	0.00	0.00	0.00	27.07
1995	0.98	9.54	5.36	29.90	0.36	20.01	3.31	1.54	0.38	0.00	0.00	0.00	71.38
1996	0.03	0.40	12.63	9.97	14.14	3.23	3.34	3.12	0.00	0.00	0.00	0.02	46.88
1997	2.29	4.68	17.21	14.43	0.43	2.46	1.01	0.80	0.59	0.00	1.05	0.40	45.35
1998	1.26	11.59	4.09	15.38	25.41	4.61	3.21	7.52	0.03	0.00	0.00	0.09 a	73.19
1999	1.37	8.88	1.62	0.00 z	12.88	6.62	2.31	0.04	0.06	0.00	0.00	0.07	•
2000	1.19	6.98	0.99	9.61	14.58	3.15	- 3.09 a	1.83	0.26	0.00	0.00 z	0.13	-
2001	3.44	1.25	1.12	7.97	9.77	2.94	1.40	0.00	0.04	0.00	0.00	0.21	28.14
2002	3.03	10.44 a	12.83	3.08	1.80	3.46 b	0.51	1.58	0.00	0.00	0.00	0.00	36.73
2003	0.00	5.16	25.21	6.50	2.80 a	4.84	6.55	1.19	0.00	0.04	0.00	0.01 a	52.30
2004	0.00 z	4.06 a	18.81	5.75	12.82 a	1.79	1.55	80.0	0.00	0.00	0.00	0.05	-
2005	4.3	2.14	13.38	6.88	5.42	8.49	2.72	9.54	1.39	0	0	0	54.26
2006	1.43	3.36	19.96	7.66	5.93	13.47 a	8.92	0.55	0	0	0	0	61.28
2007	0.53	3.8 a	7.79	0.42	12.5	0.25	3.6	0.49	0	0.17 a	ι - 0	0.09	29.64
2008	5.06	0.36	8.83	17.04	3.98	0.53	0.23	0	0	0 z	0 z	0 z	; -
	•				1931-200	6 Period	of Record	Statistics					
MEAN	2.25	5.24	8.21	8.92	7.42	5.42	2.66	1.08	0.30	0.04	0.13	0.37	42.03
MAX	10.83	21.20	25.21	29.90	25.41	20.34	12.93	9.54	2.17	1.71	3.17	4.52	83.26
MIN	0.00	0.00	0.00	0.41	0.10	0.07	0.04	0.00	0.00	0.00	0.00	0.00	16.92
NO YRS	76	77	77	77	77	78	78	78	78	77	76	77	73
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1962-1981 Average = 42.27

Source:

Western Regional Climate Center website, http://www.wrcc.dri.edu/summary/climsmnca.html

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